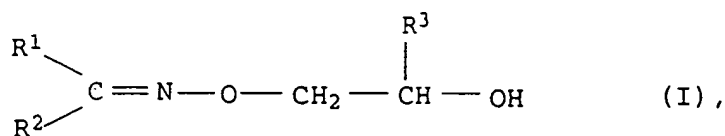


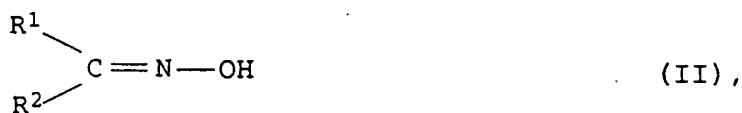
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ABSTRACT

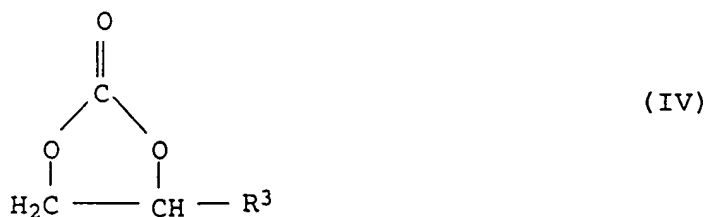
A process for the preparation of O-(2-hydroxyalkyl) oximes of the formula I



in which R¹ and R² each stand for an alkyl group having from 1 to 10 carbon atoms or form, together with the carbon atom to which they are attached, a 5-membered to 7-membered cycloalkyl radical, and R³ denotes an alkyl group having from 1 to 10 carbon atoms, wherein a ketoxime of the general formula II



is caused to react with a carbonate of the formula IV



in the presence of a catalyst.